

**Detachable tooth for public works machine having a particular cotter****Patent number:** ES419646**Publication date:** 1976-03-16**Inventor:****Applicant:** POCLAIN SA (FR)**Classification:**

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- european:

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A detachable tooth such as for an excavating bucket, which tooth is coupled to a support by engagement of a head member and a socket member and is held in the engaged condition by a cotter extending through orifices in the head and socket members, the cotter comprising a main cotter which receives an auxiliary cotter slidable relative to the main cotter in a direction parallel with the direction of engagement of the head and socket members, the auxiliary cotter being biased away from the main cotter in that direction and including a lug to keep the cotter in position in the orifices. The main cotter normally bears on one of the socket and head members and the auxiliary cotter on the other of those members, but bears on both to protect the biasing means between the main cotter and auxiliary cotter in the event of the auxiliary cotter being driven toward the main cotter by relative closing movement of the tooth toward the support.

